

FIG. 4

DISPLAY UNIT/OPERATION
 OF TELEPHONE SET

TELEPHONE SET
 (MASTER SET OR
 SLAVE SET)

~~OPPOSITE~~
 PARTY A
 OF LINE 2a

~~OPPOSITE~~
 PARTY B
 OF LINE 2b

~~OPPOSITE~~
 PARTY C
 OF LINE 2c

LINE 2a WAITING
 LINE 2b WAITING
 LINE 2c WAITING

⇒LINE 2a INCOMING CALL
~~CALLING~~ OPPOSITE PARTY A
 LINE 2b WAITING
 LINE 2c WAITING

FLICKERING OF
 INCOMING-CALL
 DISPLAYING LED
 OUTPUT OF INCOMING
 CALL TONE (BELL)

OFF-HOOKING MANIPULATION

⇒LINE 2a TALKING
~~CALLING~~ OPPOSITE PARTY A
 LINE 2b WAITING
 LINE 2c WAITING

⋮

LINE 2a TALKING
~~CALLING~~ OPPOSITE PARTY A
 LINE 2b INCOMING CALL
~~CALLING~~ OPPOSITE PARTY B
 LINE 2c WAITING

FLICKERING OF
 INCOMING-CALL
 DISPLAYING LED OUTPUT
 OF INCOMING CALL TONE
 FROM TALKING HANDSET

⋮

MANIPULATION OF HOLD KEY

⇒LINE 2a HOLDING
~~CALLING~~ OPPOSITE PARTY A
 LINE 2b WAITING
 LINE 2c WAITING

⇒LINE 2a HOLDING
~~CALLING~~ OPPOSITE PARTY A
 LINE 2b WAITING
 LINE 2c INCOMING CALL
~~CALLING~~ OPPOSITE PARTY C

FLICKERING OF
 INCOMING-CALL
 DISPLAYING LED
 OUTPUT OF INCOMING
 CALL TONE (BELL)

INCOMING CALL
 FROM OPPOSITE
 PARTY A

ESTABLISHMENT
 OF TALK

NEW INCOMING
 CALL FROM
 OPPOSITE
 PARTY B

ESTABLISHMENT OF
 HOLDING STATUS
 (OUTPUT OF HOLD
 TONE TO OPPOSITE
 PARTY A)

NEW INCOMING
 CALL FROM
 OPPOSITE
 PARTY C

FIG. 5

STATUS OF TELEPHONE SET	INPUTTED SIGNAL (MANIPULATION OF TELEPHONE SET)	OPERATION OF TELEPHONE SET
ON HOOK (WAITING) WAITING STATUS (STATUS WHERE NO CALL HAS BEEN RECEIVED YET)	PAGE KEY SIGNAL	OUTPUT OF RINGING TONE (BELL)
	INCOMING CALL SIGNAL	DISPLAYS OF INCOMING CALL (SCREEN, LED), OUTPUT OF INCOMING CALL TONE (BELL)
	PAGE KEY SIGNAL	TEMPORARY HOLDING OF TALK, OUTPUT OF RINGING TONE (BELL)
ON CALL ON HOOK (TALKING) TALKING STATUS	NEW INCOMING-CALL SIGNAL	DISPLAYS OF INCOMING CALL (SCREEN, LED), OUTPUT OF INCOMING CALL TONE (FROM HANDSET)
	PAGE KEY SIGNAL	OUTPUT OF RINGING TONE (BELL)
	NEW INCOMING-CALL SIGNAL	DISPLAYS OF NEW INCOMING CALL (SCREEN, LED), OUTPUT OF INCOMING CALL TONE (BELL)

CALL HOLDING
~~ON HOOK~~ (TALK HOLDING)
 TALK HOLDING
 STATUS

FIG. 6

STATE OF TELEPHONE SET	INPUTTED SIGNAL (MANIPULATION OF TELEPHONE SET)	OPERATION OF TELEPHONE SET
RINGING-TONE OUTPUT STATE IN WAITING STATUS <i>ON HOOK (WAITING)</i>	PAGE-RELEASE KEY SIGNAL	STOP OF RINGING TONE (BELL), RE-WAITING STATUS
	NEW INCOMING-CALL SIGNAL	STOP OF RINGING TONE (BELL), DISPLAYS OF INCOMING CALL (SCREEN, LED), OUTPUT OF INCOMING CALL TONE (BELL), RE-WAITING STATUS
RINGING-TONE OUTPUT STATE IN TEMPORARY TALK-HOLDING STATUS <i>ON HOOK (TALK HOLDING)</i> <i>CALL HOLDING</i>	PAGE-RELEASE KEY SIGNAL	STOP OF RINGING TONE (BELL), RE-TALKING STATUS
	NEW INCOMING-CALL SIGNAL	STOP OF RINGING TONE (BELL), DISPLAYS OF INCOMING CALL (SCREEN, LED), OUTPUT OF INCOMING CALL TONE (FROM HANDSET), RE-TALKING STATUS
RINGING-TONE OUTPUT STATE IN TALK HOLDING STATUS <i>ON HOOK (TALK HOLDING)</i> <i>CALL HOLDING</i>	PAGE-RELEASE KEY SIGNAL	STOP OF RINGING TONE (BELL), RE-TALK-HOLDING STATUS
	NEW INCOMING-CALL SIGNAL	STOP OF RINGING TONE (BELL), DISPLAYS OF INCOMING CALL (SCREEN, LED), OUTPUT OF INCOMING CALL TONE (BELL), RE-TALK-HOLDING STATUS

FIG. 7

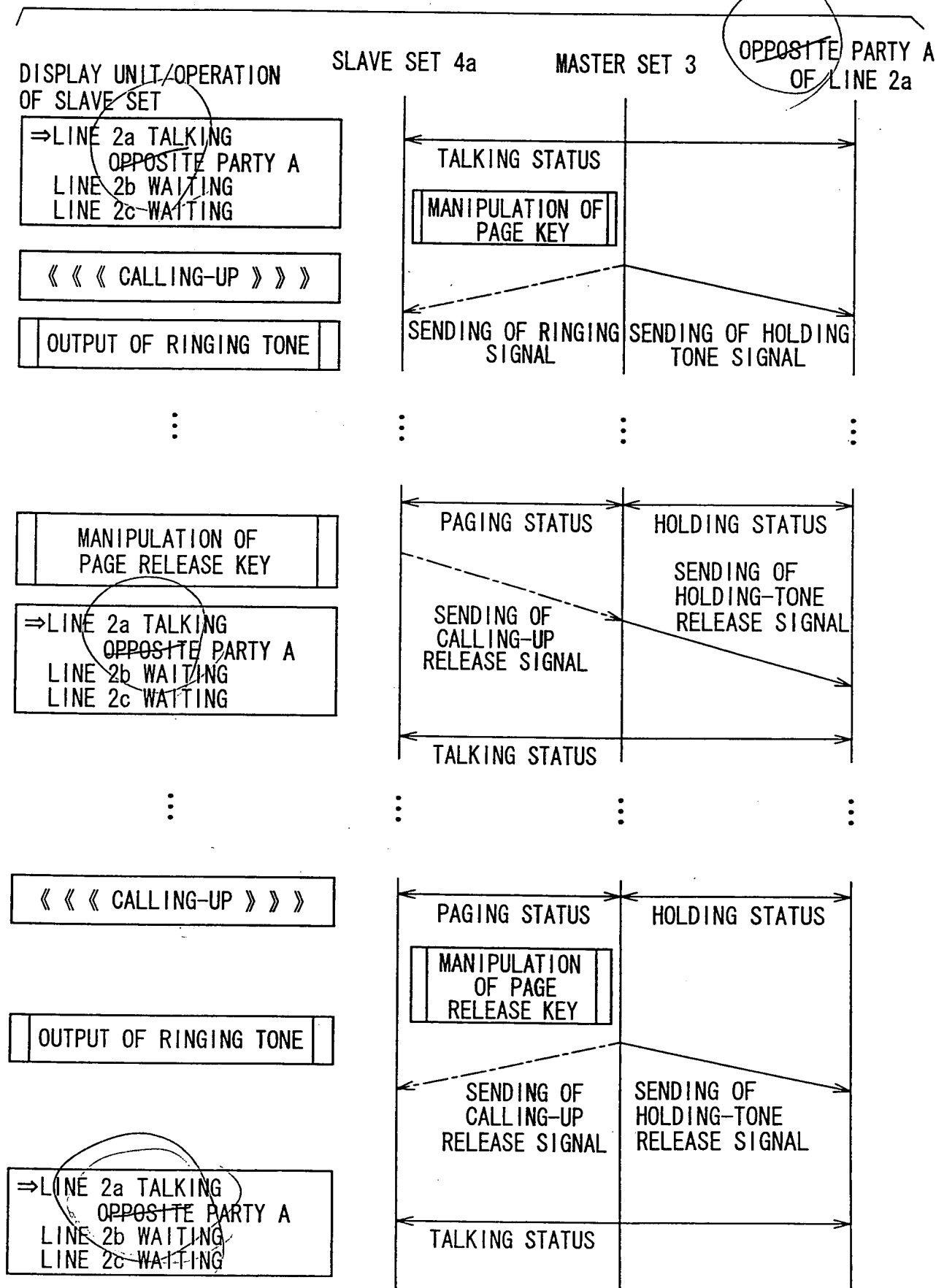


FIG. 9

